AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which captures an image of a subject and converts the image to image data;

an angle of photography detection unit which detects an angle of photography with respect to a surface of a document as the subject in the document photographing mode and prevents capturing the image until a suitable angle of photography is detected;

a compression unit which compresses the image data and generates a compressed image data;

a storage unit which stores the compressed image data;

an expansion unit which expands the compressed image data;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected; and

an image processing unit which subjects the image data to image processing depending on the selected photographing mode,

wherein said expansion unit expands the compressed image data acquired in the document photographing mode and stored in said storage unit, and then said image processing unit subjects this data to an image processing that a selected destination requires, prior to providing the image data to the destination.

Claim 2 (Original): The digital camera according to claim 1, wherein, in the document photographing mode, data related to the conditions during photography are stored in said storage unit in correlation with the compressed image data, and said image processing unit subjects the image data to image processing based on the data related to the conditions during photography.

Claim 3 (Original): The digital camera according to claim 1 further comprising a data communication unit which performs data communications with the outside.

Claim 4 (Original): The digital camera according to claim 3 further comprising:

a memory which stores the names of destinations, telephone numbers or addresses, and an image deletion flag that specifies whether the image data is to be deleted after its transmission in correlation with one another; and

a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit based on the image deletion flag in said memory.

Claim 5 (Previously Presented): The digital camera according to claim 3 further comprising a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit depending on the selected destination.

Claim 6 (Original): The digital camera according to claim 4, wherein an operator can freely add or change the contents of said memory.

Claim 7 (Previously Presented): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which captures an image of a subject and converts the image to image data;

an angle of photography detection unit which detects an angle of photography with respect to a surface of a document as the subject in the document photographing mode and prevents capturing the image until a suitable angle of photography is detected;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected; and

an image processing unit which subjects the image data acquired in the document photographing mode to an image processing that a selected destination requires, prior to providing the image data to the destination.

Claim 8 (Original): The digital camera according to claim 7 further comprising a data communication unit which performs data communications with the outside.

Claim 9 (Original): The digital camera according to claim 8 further comprising:

a memory which stores the names of destinations, telephone numbers or addresses, and an image deletion flag that specifies whether the image data is to be deleted after its transmission in correlation with one another; and

a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit based on the image deletion flag in said memory.

Claim 10 (Previously Presented): The digital camera according to claim 8 further comprising a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit depending on the selected destination.

Claim 11 (Original): The digital camera according to claim 9, wherein an operator can freely add or change the contents of said memory.

Claim 12 (Previously Presented): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which captures an image of a subject and converts the image to image data;

an angle of photography detection unit which detects an angle of photography with respect to a surface of a document as the subject in the document photographing mode and prevents capturing the image until a suitable angle of photography is detected;

a compression unit which compresses the image data and generates a compressed image data;

a storage unit which stores the compressed image data;

an expansion unit which expands the compressed image data;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected; and

an image processing unit which subjects the expanded image data to image processing depending on the selected photographing mode,

wherein, based on a selected destination, said expansion unit expands the compressed image data acquired in the document photographing mode and stored in said storage unit, and then said image processing unit subjects the data to the processing for clipping, conversion to a smaller number of gray levels in achromatic color, and resolution conversion, and once more compresses the data, prior to providing the image data to the destination.

Claim 13 (Original): The digital camera according to claim 12, wherein, in the document photographing mode, data related to the conditions during photography are stored in said storage unit in correlation with the compressed image data, and said image processing unit subjects the image data to image processing based on the data related to the conditions during photography.

Claim 14 (Original): The digital camera according to claim 12 further comprising a data communication unit which performs data communications with the outside.

Claim 15 (Original): The digital camera according to claim 14 further comprising:

a memory which stores the names of destinations, telephone numbers or addresses, and an image deletion flag that specifies whether the image data is to be deleted after its transmission in correlation with one another; and

a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit based on the image deletion flag in said memory.

Claim 16 (Previously Presented): The digital camera according to claim 14 further comprising a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit depending on the selected destination.

Claim 17 (Original): The digital camera according to claim 15 wherein an operator can freely add or change the contents of said memory.

Claim 18 (Previously Presented): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which captures an image of a subject and converts the image to image data;

an angle of photography detection unit which detects an angle of photography with respect to a surface of a document as the subject in the document photographing mode and prevents capturing the image until a suitable angle of photography is detected;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected; and

an image processing unit which, based on the selected destination, subjects the image data acquired in the document photographing mode to the processing for clipping, conversion to a smaller number of gray levels in achromatic color, and resolution conversion, and once more compresses the data, prior to providing the image data to the destination.

Claim 19 (Original): The digital camera according to claim 18 further comprising a data communication unit which performs data communications with the outside.

Claim 20 (Original): The digital camera according to claim 19 further comprising:

a memory which stores the names of destinations, telephone numbers or addresses, and an image deletion flag that specifies whether the image data is to be deleted after its transmission in correlation with one another; and

a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit based on the image deletion flag in said memory.

Claim 21 (Previously Presented): The digital camera according to claim 19 further comprising a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit depending on the selected destination.

Claim 22 (Original): The digital camera according to claim 20, wherein an operator can freely add or change the contents of said memory.

Claim 23 (Previously Presented): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which captures an image of a subject and converts the image to image data;

an angle of photography detection unit which detects an angle of photography with respect to a surface of a document as the subject in the document photographing mode and prevents capturing the image until a suitable angle of photography is detected;

a compression unit which compresses the image data and generates a compressed image data a storage unit which stores the compressed image data;

an expansion unit which expands the compressed image data;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected; and

an image processing unit which subjects the image data to image processing depending on the selected photographing mode,

wherein, based on the selected destination, said expansion unit expands the compressed image data acquired in the document photographing mode and stored in said storage unit, and then said image processing unit subjects this data to the processing for

clipping, conversion to a smaller number of gray levels in achromatic color, and once more compresses the data, prior to providing the image data to the destination.

Claim 24 (Original): The digital camera according to claim 23, wherein, in the document photographing mode, data related to the conditions during photography are stored in said storage unit in correlation with the compressed image data, and said image processing unit subjects the image data to image processing based on the data related to the conditions during photography.

Claim 25 (Original): The digital camera according to claim 23 further comprising a data communication unit which performs data communications with the outside.

Claim 26 (Original): The digital camera according to claim 25 further comprising:

a memory which stores the names of destinations, telephone numbers or addresses, and an image deletion flag that specifies whether the image data is to be deleted after its transmission in correlation with one another; and

a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit based on the image deletion flag in said memory.

Claim 27 (Previously Presented): The digital camera according to claim 25 further comprising a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit depending on the selected destination.

Claim 28 (Original): The digital camera according to claim 26, wherein an operator can freely add or change the contents of said memory.

Claim 29 (Previously Presented): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which captures an image of a subject and converts the image to image data;

an angle of photography detection unit which detects an angle of photography with respect to a surface of a document as the subject in the document photographing mode and prevents capturing the image until a suitable angle of photography is detected;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected; and

an image processing unit which, based on the selected destination, subjects the image data acquired in the document photographing mode to the processing for clipping, conversion to a smaller number of gray levels in achromatic color, and character recognition, prior to providing the image data to the destination.

Claim 30 (Original): The digital camera according to claim 29 further comprising a data communication unit which performs data communications with the outside.

Claim 31 (Original): The digital camera according to claim 30 further comprising:

a memory which stores the names of destinations, telephone numbers or addresses, and an image deletion flag that specifies whether the image data is to be deleted after its transmission in correlation with one another; and

a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit based on the image deletion flag in said memory.

Claim 32 (Original): The digital camera according to claim 30 further comprising a deletion unit which deletes the image data after the image data has been transmitted by said data communication unit depending on a destination.

Claim 33 (Original): The digital camera according to claim 31, wherein an operator can freely add or change the contents of said memory.

Claim 34 (Previously Presented): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which captures an image of a subject and converts the image to image data;

an angle of photography detection unit which detects an angle of photography with respect to a surface of a document as the subject in the document photographing mode and prevents capturing the image until a suitable angle of photography is detected;

a compression unit which compresses the image data and generates a compressed image data;

a storage unit which stores the compressed image data;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected;

a display unit which displays the image of the subject on a monitor before the image is photographed; and

an image processing unit which subjects the image data to image processing depending on the selected photography mode and to image processing that a selected destination requires, prior to providing the image data to the destination;

wherein, in the document photographing mode, said display unit displays guidance to notify a user of the conditions during photography when the image of the subject is being displayed on the monitor.

Claim 35 (Original): The digital camera according to claim 34, wherein the guidance display is provided with a frame display with which the user recognizes the area of regular-size paper.

Claim 36 (Original): The digital camera according to claim 34 further comprising:

a memory which stores the names of destinations, telephone numbers or addresses, and frame display information that specifies whether the guidance is to be displayed on photographing in correlation with one another,

wherein said display unit displays or does not display the guidance based on the frame display information stored in said memory.

Claim 37 (Previously Presented): The digital camera according to claim 34, wherein said display unit displays or does not display the guidance depending on the selected destination.

Claim 38 (Original): The digital camera according to claim 36, wherein an operator can freely add or change the contents of said memory.

Claim 39 (Previously Presented): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which captures an image of a subject and converts the image to image data;

an angle of photography detection unit which detects an angle of photography with respect to a surface of a document as the subject in the document photographing mode and prevents capturing the image until a suitable angle of photography is detected;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected;

a display unit which displays the image of the subject on a monitor before the image is photographed; and

an image processing unit which subjects the image data to image processing depending on the selected photography mode and to image processing that a selected destination requires, prior to providing the image data to the destination;

wherein, in the document photographing mode, said display unit displays guidance to notify a user of the conditions during photography when the image of the subject is being displayed on the monitor.

Claim 40 (Original): The digital camera according to claim 39, wherein the guidance display is provided with a frame display with which the user recognizes the area of regular-size paper.

Claim 41 (Original): The digital camera according to claim 39 further comprising:

a memory which stores the names of destinations, telephone numbers or addresses, and frame display information that specifies whether the guidance is to be displayed on photographing in correlation with one another,

wherein said display unit displays or does not display the guidance based on the frame display information stored in said memory.

Claim 42 (Original): The digital camera according to claim 39, wherein said display unit displays or does not display the guidance depending on a destination.

Claim 43 (Original): The digital camera according to claim 41, wherein an operator can freely add or change the contents of said memory.

Claim 44 (Currently Amended): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which ~~picks up~~ captures an image of a subject and converts the image to image data;

a compression unit which compresses the image data and generates a compressed image data;

a storage unit which stores the compressed image data;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected; and

an angle of photography detection unit which detects an angle of photography with respect to a surface of the subject,

wherein, in the document photographing mode, photography is started only when the angle of photography is substantially vertical.

Claim 45 (Original): The digital camera according to claim 44, wherein said angle of photography detection unit detects the angle of photography from the shape of the photographed subject.

Claim 46 (Currently Amended): A digital camera having a normal photographing mode and a document photographing mode, said digital camera comprising:

an image pickup unit which captures ~~picks up~~ an image of a subject and converts the image to image data;

a selection unit with which any of the normal photographing mode and the document photographing mode can be selected, and with which a destination to receive the image data can be selected;

an angle of photography detection unit which detects an angle of photography with respect to the surface of a subject; and

an image processing unit which subjects the image data to image processing depending on the selected photography mode and to image processing that a selected destination requires, prior to providing the image data to the destination;

wherein, in the document photographing mode, photography is started only when the angle of photography is substantially vertical.

Claim 47 (Original): The digital camera according to claim 46, wherein said angle of photography detection unit detects the angle of photography from the shape of the photographed subject.

Claim 48 (Currently Amended): A document photographing and transmitting method of a digital camera ~~the digital camera~~, said method comprising ~~the steps of~~:

monitoring a subject on a display unit in response to instructions for monitoring;

displaying guidance on said display unit when the monitoring is performed;

capturing an image, converting the image to image data, and compressing the image data in response to instructions for photographing;

detecting an angle of photography before capturing the image and permitting image capture of a document only if the angle of photography ~~detector~~ has a predetermined value;

storing the compressed image data in a storage unit;

selecting a destination to receive the image data;

reading the compressed image data stored in the storage unit and expanding the data in response to instructions for transmission;

subjecting the expanded image data to an image processing that the selected destination requires, prior to providing the image data to the destination; and

transmitting the image data, that has been subjected to image processing, to the selected destination.

Claim 49 (Currently Amended): A document photographing and transmitting method of a digital camera ~~the digital camera~~, said method comprising ~~the steps of~~:

monitoring a subject on a display unit in response to instructions for monitoring;

displaying guidance on said display unit when the monitoring is performed;

capturing an image and converting the image to image data in response to instructions for photographing;

detecting an angle of photography before capturing the image and permitting image capture of a document only if the angle of photography ~~detector~~ has a predetermined value;

selecting a destination to receive the image data;

subjecting the image data to an image processing that the selected destination requires, prior to providing the image data to the destination; and

transmitting the image data, that has been subjected to image processing, to the selected destination.

Claim 50 (New): A digital camera according to Claim 1, wherein said image processing unit recognizes a shape of said document to calculate a current angle of photography.

Claim 51 (New): A digital camera according to Claim 7, wherein said image processing unit recognizes a shape of said document to calculate a current angle of photography.

Claim 52 (New): A digital camera according to Claim 12, wherein said image processing unit recognizes a shape of said document to calculate a current angle of photography.

Claim 53 (New): A document photographing and transmitting method according to Claim 48, wherein in said detecting an angle of photography, a shape of said document is recognized and a current angle of photography is detected based on the shape of said document.

Claim 54 (New): A digital camera according to Claim 1, wherein a user arranges the digital camera such that the angle of photography is substantially perpendicular with respect to the surface of the document, in order to obtain the suitable angle of photography in the document photography mode.

Claim 55 (New): A digital camera according to Claim 7, wherein a user arranges the digital camera such that the angle of photography is substantially perpendicular with respect to the surface of the document, in order to obtain the suitable angle of photography in the document photography mode.

Claim 56 (New): A digital camera according to Claim 12, wherein a user arranges the digital camera such that the angle of photography is substantially perpendicular with respect to the surface of the document, in order to obtain the suitable angle of photography in the document photography mode.

Claim 57 (New): A document photographing and transmitting method according to Claim 48, said method further comprising:

arranging the digital camera by a user such that the angle of photography is substantially perpendicular with respect to a surface of the document.

Claim 58 (New): A digital camera according to Claim 1, wherein said angle of photography is detected in order to minimize distortions in the image captured of the document.

Claim 59 (New): A digital camera according to Claim 7, wherein said angle of photography is detected in order to minimize distortions in the image captured of the document.

Claim 60 (New): A digital camera according to Claim 12, wherein said angle of photography is detected in order to minimize distortions in the image captured of the document.

Claim 61 (New): A document photographing and transmitting method according to Claim 48, wherein in said detecting an angle of photography, the angle of photography is detected in order to minimize distortions in the image captured of the document.

Claim 62 (New): A digital camera according to Claim 54, wherein the image processing unit does not correct distortions related to the angle of photography of the image of the subject.

Claim 63 (New): A digital camera according to Claim 55, wherein the image processing unit does not correct distortions related to the angle of photography of the image of the subject.

Claim 64 (New): A digital camera according to Claim 56, wherein the image processing unit does not correct distortions related to the angle of photography of the image of the subject.

Claim 65 (New): A document photographing and transmitting method according to Claim 57, wherein said subjecting the image processing does not correct the distortions related to the angle of photography of the image.